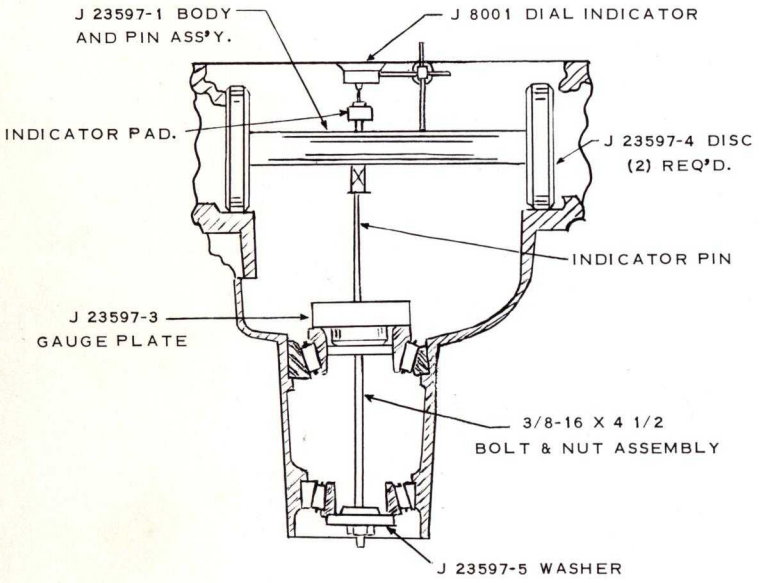
INSTRUCTIONS FOR J 23597 PINION SETTING GAUGE



1. Clean all parts of gauge, side bearing bore, front and rear pinion bearing cups.

2. Lubricate front and rear pinion bearing cones.

3. Install J 23593-3, J 23597-5 and nut and bolt. Assemble as pictured so that a torque of 20 inch pounds is needed to rotate gauge plate.

4. Assemble J 23597-1 and two J 23597-4 as pictured and set assembly into the side bearing bores. Set side bearing caps into place and lightly torque.

5. Attach J 8001 dial indicator to J 23597-1 as pictured. When indicator pin is not touching gauge plate, contact button MUST touch indicator pad.

6. Rotate J 23597-1 so that indicator pin passes over ground surface of gauge plate. Rock this shaft back and forth until the dial indicator reads the largest deflection, (The point where dial indicator needle changes rotational direction.) At the point of largest deflection, set dial indicator at zero.

7. Rotate J 23597-1 until indicator pin is removed from the gauge plate. The dial indicator will read directly the proper shim to be used.

FORM NO. C70-26

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